

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently Amended) A manufacturing process for a microwave corrugated-horn waveguide antenna comprising a horn, a circular polarizer, and an impedance adapter forming a first, a second, and a third section respectively, using waveguide technology, in the process comprising the steps of: ~~forming~~
thermoforming in a single step using a single mold of the corrugations of the horn first, the second, and the third sections on the external surface of a block of synthetic foam by deformation of said external surface, and
metallizing the ~~external~~ surface of the conformed block of foam in order to form the antenna.
2. (Cancelled)
3. (Previously Presented) The process as claimed in claim 1, wherein the metallization of the external surface of the block of foam is carried out by a method such as projection, using a brush, or dipping.
- 4 – 8. (Cancelled)